

Reference Number	Research Area	Company/University	Contact First Name	Contact Last Name	City	County
CIF-428-RUR1	Materials Science and Advanced Manufacturing	Bel Ea	Brenda	Dillingham	Henderson	Henderson
CIF-436-RUR1	Materials Science and Advanced Manufacturing	Cool Cover	Randy	Herrington	Bowling Green	Warren
CIF-443-RUR1	Information Technology and Communications	Emergency Traffic Control System	Turner	Summers	Sadieville	Scott
CIF-445-RUR1	Information Technology and Communications	eSAVz	David	Hardin	Mayfield	Graves
CIF-448-RUR1	Materials Science and Advanced Manufacturing	Genesis Therapeutic Systems	Laura	Fristoe	Paducah	McCracken
CIF-450-RUR1	Materials Science and Advanced Manufacturing	Hunter Friendly Products	Kay	Boggs	Sandy Hook	Elliott
CIF-453-RUR1	Materials Science and Advanced Manufacturing	Jackson Peg Tube Stands	Tina Gail Jackson	Jackson	Louisa	Lawrence
CIF-455-RUR1	Environmental and Energy Technologies	JOHN CARTER IMAGINEERING	John	Carter	Harrodsburg	Mercer
CIF-456-RUR1	Information Technology and Communications	K Tech Inc. (DBA Remote Innovations)	Carolyn	Hager	Pikeville	Pike
CIF-459-RUR1	Materials Science and Advanced Manufacturing	Laverne Douglas Technologies, LLC	Michael	Spears	Nicholasville	Jessamine
CIF-461-RUR1	Materials Science and Advanced Manufacturing	Mailbox Delivery Light	Glenn	Lohr	Bowling Green	Warren
CIF-464-RUR1	Materials Science and Advanced Manufacturing	Mobile Mom LLC	Frank	Gladfelter	Harrodsburg	Mercer
CIF-468-RUR1	Information Technology and Communications	Pendleton DataFarm LLC	Mitchell (Michael)	Lanin	Falmouth	Pendleton
CIF-469-RUR1	Human Health and Development	Polyionics Inc. DBA The Nutrition Farm	Donald	Jessup	Campton	Wolfe
CIF-472-RUR1	Materials Science and Advanced Manufacturing	Shelton Electrical Products LLC	Brent	Shelton	Paducah	McCracken
CIF-476-RUR1	Information Technology and Communications	StreamerNet Corporation	Darrell Todd	Atchison	Grand Rivers	Lyon
CIF-479-RUR1	Materials Science and Advanced Manufacturing	Turf Alliance	Matthew	Williams	Bowling Green	Warren
CIF-480-RUR1	Environmental and Energy Technologies	Union County Biodiesel Company	George	Sprague	Morganfield	Union
CIF-453-RUR1	Materials Science and Advanced Manufacturing	Jackson Peg Tube Stands	Tina Gail	Jackson	Louisa	Lawrence
CIF-502-RUR1	Materials Science and Advanced Manufacturing	Armor-edging	Michael	Flanagan	Bowling Green	Warren
CIF-504-RUR1	Materials Science and Advanced Manufacturing	Blue Sky Manufacturing, LLC	Ralph	Brown	Salt Lick, KY	Bath
CIF-511-RUR1	Materials Science and Advanced Manufacturing	Dallas, Jo	Jo	Dallas	Mayfield, KY	Graves
CIF-518-RUR1	Materials Science and Advanced Manufacturing	Gibbs, Mitch	Mitchell	Gibbs	Bowling Green,	Warren
CIF-522-RUR1	Materials Science and Advanced Manufacturing	INITIALLY YOURS	JAMES	BLAIR	STAFFORDSVI	Johnson
CIF-524-RUR1	Materials Science and Advanced Manufacturing	Jerry Twinam's Quik Cuts	Jerry	Twinam	Ashland, KY	Boyd
CIF-529-RUR1	Information Technology and Communications	LawReader, Inc.(Lawreader.com)	Stanley	Billingsley	Carrollton, KY	Carroll

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CIF-533-RUR1	Environmental and Energy Technologies	Organic Alchemy, LLC	David	Emmerich	Smiths Grove, KY	Warren
CIF-534-RUR1	Materials Science and Advanced Manufacturing	Pallet Saver, Inc.	Kevin	Addington	Elizabethtown, KY	Hardin
CIF-535-RUR1	Biosciences	Peptide Therapeutics	Mike	Anwer	Bowling Green, KY	Warren
CIF-536-RUR1	Information Technology and Communications	Prime Leads Corp, dba TuitionDiscount.com	Paul	Ransdell	Berea, KY	Madison
CIF-537-RUR1	Materials Science and Advanced Manufacturing	Rosewood Pallet Supply Inc.	Teresa	McCarty	Georgetown, KY	Scott
CIF-538-RUR1	Materials Science and Advanced Manufacturing	Rydar	Davis	Kim	Franklin, KY	Simpson
CIF-540-RUR1	Materials Science and Advanced Manufacturing	The KLV Group, LLC, Inc.	Loyd	Kepferle	Busy, KY	Perry
CIF-541-RUR1	Human Health and Development	The Solution Cap	Lisa	Carr	Elizabethtown, KY	Hardin
CIF-542-RUR1	Materials Science and Advanced Manufacturing	Voorhees and Company LLC	Rob	Voorhees	Frankfort, KY	Franklin
CIF-545-RUR1	Information Technology and Communications	Winner's Circle Enterprises	Laura	LaRue	Elizabethtown, KY	Hardin
CIF-546-RUR1	Human Health and Development	Yikes LLC.	Sharon	Bolar	Georgetown, KY	Scott
CIF-498-RUR2	Materials Science and Advanced Manufacturing	Kentucky Wool Society	Lanette	Freitag	Sharpsburg	Bourbon
CIF-496-RUR2	Materials Science and Advanced Manufacturing	Laura Katherine Company	Kimberly	Halter	Bowling Green	Warren
CIF-497-RUR2	Information Technology and Communications	NuatraSoft	Priya	Shanmugam	Hopkinsville	Christian
CIF-495-RD	Information Technology and Communications	Adaptive Technologies	Lance	Perkins	Louisville	Jefferson
CIF-489-RD	Information Technology and Communications	AgForest	Hoyt	Choae	Murray	Calloway
CIF-490-RD	Materials Science and Advanced Manufacturing	Buswell, LLC	Harrie	Buswell	Berea	Madison
CIF-491-RD	Biosciences	EndoProtech	Claudio	Maldonado	Louisville	Jefferson
CIF-492-RD	Biosciences	Naprogenix	David	Gibbs	Lexington	Fayette
CIF-493-RD	Biosciences	ParaTechs Corporation	Bruce	Webb	Lexington	Fayette
CIF-494-RD	Biosciences	Pradama	William M.	Pierce	Louisville	Jefferson
CIF-192-COM	Materials Science and Advanced Manufacturing	Western Kentucky University	Tingying	Zeng	Bowling Green	Warren
CIF-423-COM	Materials Science and Advanced Manufacturing	Western Kentucky University Research Foundation	Zeng	Tingying	Bowling Green	Warren
CIF-422-COM	Human Health and Development	Western Kentucky University	Shivendra	Sahi	Bowling Green	Warren
CIF-421-COM	Human Health and Development	University of Kentucky Research Foundation	John	Williams	Lexington	Fayette

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CIF-133-COM	Materials Science and Advanced Manufacturing	Western Kentucky University Research Foundation	Nick	Crawford	Bowling Green	Warren
CIF-487-ICC	Information Technology and Communications	Mind's Odyssey	Robert	Kelly	Covington	Kenton
CIF-488-ICC	Information Technology and Communications	FotoFix	Jonathan	Vreeland	Covington	Kenton
CIF-554-ICC	Information Technology and Communications	Spatial Data Integrations	Audwin A.	Helton	Louisville	Jefferson
CIF-483-ICC	Materials Science and Advanced Manufacturing	Outrider Technologies	John	Beram	Lexington	Fayette
CIF-485-ICC	Human Health and Development	Four Tigers	Paige	Short	Paris	Bourbon
CIF-548-ICC	Information Technology and Communications	Agility Corp	Robert	Barton	Louisville, KY	Jefferson
CIF-549-ICC	Information Technology and Communications	Mersive Technologies LLC	Randall	Stevens	Lexington, KY	Fayette
CIF-550-ICC	Information Technology and Communications	Numeritex Displays Inc.	Andrew	Cowen	Murray, KY	Calloway
CIF-553-ICC	Environmental and Energy Technologies	Vortecone LLC	James	Boyd	Lexington, KY	Fayette
CIF-555-ICC	Information Technology and Communications	Infrastructure Management Solutions (IMS)	Timothy	Ferguson	Union, KY	Boone
KSEF-843-RDE-008	Biosciences	ParaTechs Corp.	Angelika	Fath-Goodin	Lexington	Fayette
KSEF-848-RDE-008	Materials Science and Advanced Manufacturing	University of Kentucky	Mark	Watson	Lexington	Fayette
KSEF-850-RDE-008	Human Health and Development	University of Louisville	Zhenmin	Lei	Louisville	Jefferson
KSEF-852-RDE-008	Biosciences	University of Kentucky	Jeff	Ebersole	Lexington	Fayette
KSEF-860-RDE-008	Biosciences	University of Kentucky	Hongyan	Zhu	Lexington	Fayette
KSEF-865-RDE-008	Human Health and Development	University of Kentucky	Gary	Van Zant	Lexington	Fayette
KSEF-888-RDE-008	Human Health and Development	University of Louisville	Wenke	Feng	Louisville	Jefferson
KSEF-897-RDE-008	Information Technology and Communications	University of Louisville	Hichem	Frigui	Louisville	Jefferson
KSEF-914-RDE-008	Biosciences	University of Kentucky	Robert	Lodder	Lexington	Fayette
KSEF-916-RDE-008	Biosciences	University of Louisville	John	Trent	Louisville	Jefferson

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KSEF-925-RDE-008	Biosciences	University of Kentucky	Chang-Guo	Zhan	Lexington	Fayette
KSEF-932-RDE-008	Biosciences	University of Kentucky	David	Horohov	Lexington	Fayette
KSEF-935-RDE-008	Biosciences	University of Louisville	Michael	Voor	Louisville	Jefferson
KSEF-938-RDE-008	Biosciences	University of Kentucky	Kimberly	Anderson	Lexington	Fayette
KSEF-943-RDE-008	Biosciences	University of Kentucky	Mark	Farman	Lexington	Fayette
KSEF-949-RDE-008	Human Health and Development	University of Kentucky	Joseph	Holtman, Jr.	Lexington	Fayette
KSEF-950-RDE-008	Human Health and Development	University of Kentucky	John	Yannelli	Lexington	Fayette
KSEF-959-RDE-008	Biosciences	University of Kentucky	Thomas	Tobin	Lexington	Fayette
KSEF-966-RDE-008	Environmental and Energy Technologies	University of Kentucky	John	Baker	Paducah	McCracken
KSEF-977-RDE-008	Materials Science and Advanced Manufacturing	University of Kentucky	I.S.	Jawahir	Lexington	Fayette
KSEF-983-RDE-008	Materials Science and Advanced Manufacturing	University of Kentucky	Stephen	Lipka	Lexington	Fayette
KSEF-992-RDE-008	Materials Science and Advanced Manufacturing	University of Kentucky	Stephen	Holmes	Lexington	Fayette

BRIEF Descripton	Award Amount	Award Length (months)
SqueezeBrush (patented) an innovative toothbrush with a squeezable handle, which can be filled with liquid dispensed through holes at the base of the bristles in the brush head.	\$25,000	12
Cool Cover is designed to hide and protect the customer's AC unit which makes the home more beautiful and enchances the market value	\$25,000	12
A method utilizing existing signaling devises at intersections to alert motorists of approaching emergency vehicles	\$24,300	12
An Ebay consignment software platform and franchise	\$25,000	12
Therapeutic pillow do provide sponal allignment and support with essential oil therapy to treat different conditions while sleeping	\$8,000	12
A hoop that when used with a tree stand used for deer hunting that provides more flexibilit for the hunter.	\$23,400	12
A device designed to support a feeding tube used to deliver food products and oral medications to a gastronom patient.	\$3,435	12
Siphon with meter chamber allowing for smoother and safer operation without the use of powered equipment	\$8,500	12
Remote deactivation switch for use in disabling motorized vehicles from a distance of 300+/- in the event of a potentially dangerous situation	\$25,000	12
Multifunctional RF electrosurgical devise enabling flexibility in balancing precision cutting and hemostasis during surgical and patent recovery	\$25,000	12
Product to notify persons of delivery of rural newspaper in their delivery box	\$24,500	12
Mobile Mom products for mothers' who need or desire to leave their infants with other caregivers	\$24,900	12
Web-based feature focusing on profiling, matching and facilitating collaboration of distributed work teams	\$25,000	12
Taste-masking formula for a L-carnitine water so it looks, tases and feels like good quality drinking water	\$25,000	12
Power outlet enclosures that provide outdoor electrical service to meet temporary and/or permanent power requireents in any outdoor venue	\$25,000	12
mobile video surveillance product	\$25,000	12
two-in-one applicator attachment for zero turn lawnmowers	\$14,500	12
BTU enhancer / revolutionary biodiesel fuel alternative	\$17,500	12
A device designed to support a feeding tube used to deliver food products and oral medications to a gastronom patient.	\$3,645	12
Landscape edging product	\$ 25,000	12
Snow Roller snow removal tool.	\$ 25,000	12
Sidewall tire graphics	\$ 25,000	12
Rotating Aquarium	\$ 25,000	12
Sliding door live bolt	\$ 25,000	12
New process for packaging fresh-cut potatoes	\$ 25,000	12
online legal research library with a focus on the practice of law in Kentucky	\$ 10,000	12

BRIEF Descripton	Award Amount	Award Length (months)
An on-the-farm bio-digestion tank system that will convert animal manure and other agricultural byproducts (feedstock) into Methane gas.	\$ 25,000	12
an attachment to a forklift truck that allows freight to be moved without damaging the pallet	\$ 25,000	12
Technology to develop a drug for wound healing (WH) applications such as diabetic foot ulcers, deep cuts, and burns.	\$ 25,000	12
A "matching" system that connects college-bound individuals with post-secondary education institutions based on dimensions of compatibility	\$ 17,500	12
Mobile pallet heat-treating system	\$ 25,000	12
A joystick that offers complete six degrees of freedom movement	\$ 25,000	12
Sunlight measurement device for horticulture	\$ 17,500	12
Hair cap designed to prevent leakage of hair treatment solutions	\$ 25,000	12
A newly patented revolutionary dog tie out stake.	\$ 25,000	12
The TRACK-U-LATOR is a hand-held calculator that will provide the user with the cost of complex exotic wagers allowing them to better understand and plan bets.	\$ 25,000	12
A system of locking storage containers designed to prevent access to stored toy items by children without the knowledge of the caregiver.	\$ 25,000	12
Refine engineering of a felting machine	\$84,500	24
Freeze-Fly-non-toxic insecticide for house files	\$75,000	24
Software for tracking and managing rebates	\$93,750	24
personal fitness trainer system delivered through a MP3 player	\$200,000	24
software for use in collecting and using data relative to farmers and farm related companies and suppliers	\$200,000	24
Transfomer designed that promises dramatic improvements in costs to manufacture and operate transformers	\$200,000	24
Therapy to reduce ischemia reperfusion injury after organ transplatation thereby reducing the rate at which organs are rejected	\$200,000	24
Process for finding active compounds that could be used as non-toxic insecticides or lead compounds for synthetic modification	\$200,000	24
to identify genes from insect parasites and pathogens that can be utilized for insect control and development of natural products	\$200,000	24
production for prevention and/or treatment of osteoporosis	\$200,000	24
Research on using porous silica nanopowers as a sorbent for removal of both elemental and oxidized mercury from the flue gas of coal-fired plants	\$75,000	36
Researh to discover the hman mim-1cDNA and to identify the mim-1 receptor	\$75,000	12
Isolate the active metabolite from Sesbania and develop a trug treatment for viral diseases	\$75,000	12
discover the human mim-1 cDNA and identify he mim-1 receptor	\$75,000	12

BRIEF Descripton	Award Amount	Award Length (months)
Void Detection Robot" applications for disaster relief and homeland security	\$75,000	12
3-D video games for ADD and ADHD affected children	\$25,000	12
Web-based photo and slide show presentation service	\$25,000	12
Development of a GIS DSS module for storm water sewer systems	\$25,000	12
Manufacture and market of small molecules for use in the organic semiconductor industry	\$25,000	12
Developent of blackberry based nutraeutical	\$25,000	12
Agility Corp has developed a mobile MLS application for the realty market. The application runs on "smartphone" and enables realtors to access the MLS and manage several realtor processes while on the move.	\$ 25,000	12
Commercialization of camera-based auto-calibration techniques developed at the UK Center for Advanced Visualization	\$ 25,000	12
Numeritex manufactures and sells electronic message boards for the retail signage market. The displays are used to retrofit existing signs and eliminate the need for manually swapping out letters and numbers whenever the message needs to be changed.	\$ 25,000	12
Vortecone has licensed vortex chamber technology (developed by UK and Toyota) for non-automotive applications. The company intends to use the technology to treat waste in industrial applications – especially treatment of coal-fired electric plants.	\$ 25,000	12
IMS will develop management tools for the Enterprise Systems Management Software market.	\$ 25,000	12
Enhancement of recombinant protein production by an insect virus protein	\$49,796	12
Highly Cost-Effective and Environmentally Benign Synthesis of Organic Materials for Consumer Micro-electronics	\$50,000	12
Luteinizing Hormone and Alzheimer's Disease	\$59,994	24
Expression of Antimicrobial Peptides in Plants to Treat Human/Animal Microbial Oral Infectious Diseases	\$49,999	12
Towards Understanding the Function of Rice Orthologs of Legume Genes Required for Both Nodulation and Arbuscular Mycorrhizal Symbioses	\$47,750	12
Manipulation of adult stem cells to improve human aging patterns	\$49,995	12
Molecular mechanisms of copper regulation of hypoxia-inducible factor 1	\$49,725	12
Developing Robust and Adaptive HMM Parameter Estimation Algorithms with Application to Landmine Detection.	\$104,040	24
In Situ Biofilm Metabolism Studies	\$60,000	24
Cancer Drug Discovery using Distributed Computing	\$100,000	24

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Microscopic and Phenomenological Binding of Nicotinic Acetylcholine Receptors with Ligands	\$49,988	12
Development of gene delivery approaches to treat equine respiratory diseases	\$49,573	12
Alternative Bone Graft Solutions	\$98,254	24
A Cell-Based Biosensor for Early Screening of Cancer	\$49,996	12
Protein secretion by fungal pathogens: delivery into the host cell cytoplasm.	\$49,651	12
S(-)-Norketamine-Morphine Combination Drug for Treatment of Chronic Pain	\$45,411	12
Lung cancer cell lines as a model for tumor mediated evasion of immunity.	\$55,000	12
Deuterated Internal Standards for Equine Therapeutic Medications: A Regulatory Requirement and a Developing Niche Market	\$98,678	24
Improved Power Generation Via Active Vibration Control of Turbomachinery Blades	\$37,965	12
Establishing the Influence of Drill Materials, Drill Geometry and Coatings on Drill-wear and Drilling Performance for Sustainable Dry Drilling on Mars	\$60,000	24
Power Sources for MEMS using Modified Carbon Nanotube Arrays	\$49,613	12
A Building Block Approach to Construct Cyanometalate Single-Molecule Magnets	\$50,000	12